

MANUFACTURING EXTENSION PARTNERSHIP

Success Stories from the Field

Kvaerner

West Virginia Manufacturing Extension Partnership

Good Environmental Management at Kvaerner Power

Client Profile:

Kvaerner Power Division produces power boilers, accessories for the boilers, and spare parts. The facility in Fairmont, West Virginia, produces boiler tube shields and air supply duct expansion joints for boilers, primarily fired by solid fuels such as coal, wood, and refuse. Kvaerner employs 12 people.

Situation:

Corporate initiatives at Kvaerner impacted the management of environmental issues at the plant level and new projects were underway to enhance regulatory compliance. A corporate mandated "self-assessment" was required to be completed by plant personnel to determine level of compliance with federal and state regulations and to assess status relating to implementation of environmental management systems. In addition, a new environmental health and safety coordinator had been appointed and overview training regarding environmental issues was necessary. Kvaerner contacted the West Virginia Manufacturing Extension Partnership (WVMEP), a NIST MEP network affiliate, for assistance with the project.

Solution:

WVMEP conducted an on-site review of the operations at Kvaerner to determine environmental issues that required regulatory attention. Interviews were conducted with plant management and the environmental health and safety coordinator to determine status of programs and plans for environmental programs in the near future. The project included the following specific tasks: 1) assistance with completion of corporate mandated self-assessment; 2) development of environmental policy statement; 3) development of procedure for managing legal and other requirements; 4) creation of environmental guidance manual to outline federal and state requirements as they may apply to Kvaerner activities, 5) review of fine history for the Kvaerner facility, and 6) delivery of environmental regulatory training.

Results:

- * Trained employees on federal and state environmental requirements.
- * Developed basic documentation to be used as a foundation for an environmental management system.
- * Submitted self-assessment to corporate management.

Testimonial:

"I was very impressed with the knowledge and professionalism Ms. Polinsky expressed throughout my training. She provided a thorough explanation with real-world examples for every question that I asked. I now feel more confident about handling any environmental issue that might arise."

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David Carrick, Manufacturing Engineer